Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091619\
Data File : VV012836.D
Acq On : 16 Sep 2019 14:59
Operator : SY/MD
Sample : K4780-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :**

Quant Time: Sep 16 17:06:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 17:02:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 388472 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 383801 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 145857 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 123360 | 4.58 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 91.60% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 100170 | 4.75 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 95.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 160450 | 3.60 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 72.00% | | | |
| 20) 2-Butanone-d5 | 3.98 | 46 | 195545 | 52.58 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 105.16% | | | |
| 24) Chloroform-d | 4.40 | 84 | 193562 | 4.58 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 91.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 94084 | 4.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 96.80% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 396257 | 4.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 120552 | 4.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 94.40% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 314524 | 4.18 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 83.60% | | | |
| 43) trans-1,3-Dichloropropene- | 7.66 | 79 | 35729 | 4.33 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 86.60% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 84561 | 36.59 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 73.18% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 57907 | 4.13 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 82.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 107348 | 5.31 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 106.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12 | 101 | 1744 | 0.075 | ug/L # | 26 |
| 35) Methylcyclohexane | 6.12 | 83 | 29358 | 0.863 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 13274 | 0.509 | ug/L # | 86 |
| 44) trans-1,3-Dichloropropene | 7.66 | 75 | 1493 | 0.058 | ug/L # | 63 |
| 48) 2-Hexanone | 8.19 | 43 | 40965 | 3.724 | ug/L # | 81 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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**Instrument :**
MSVOA_V
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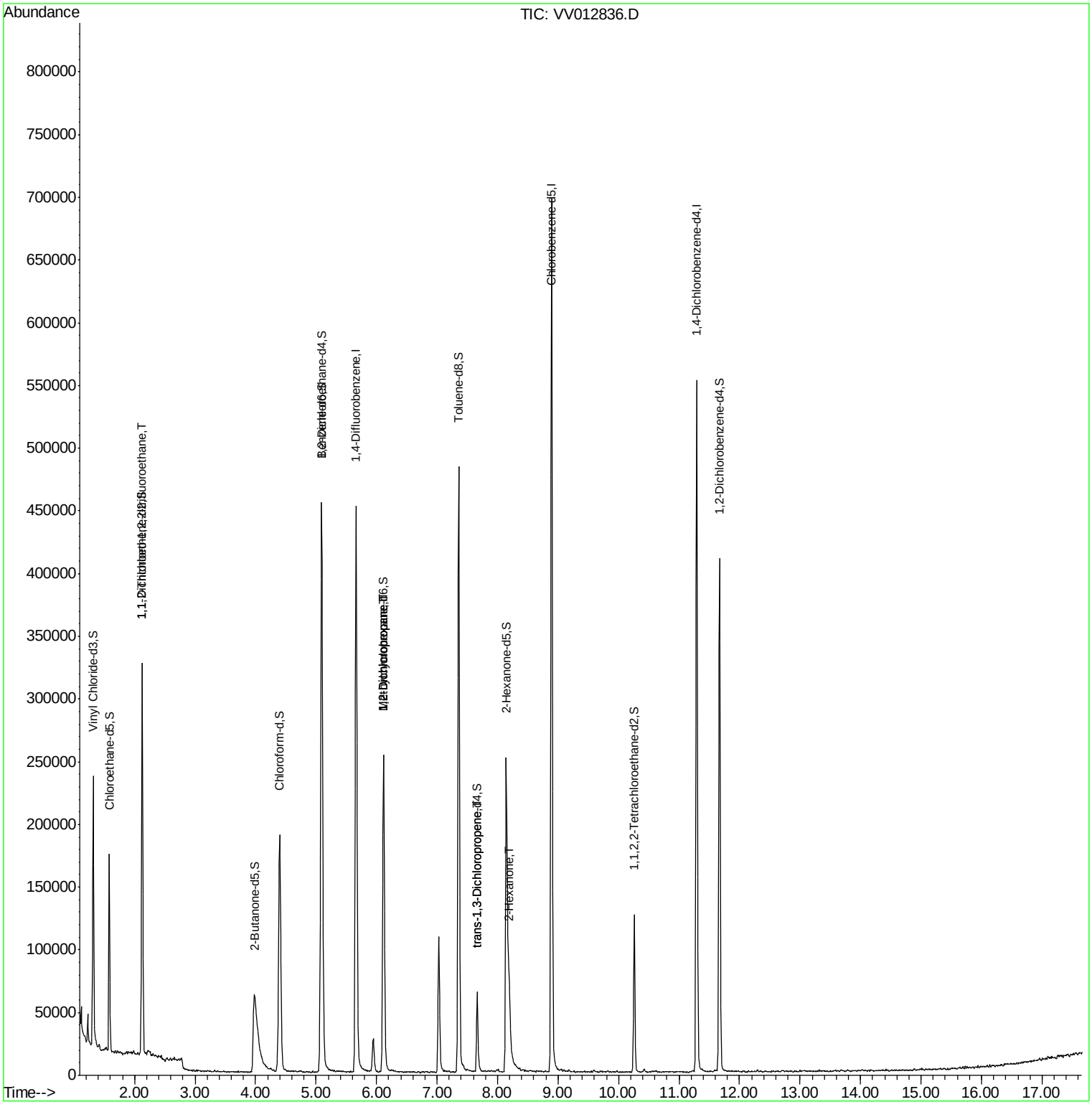
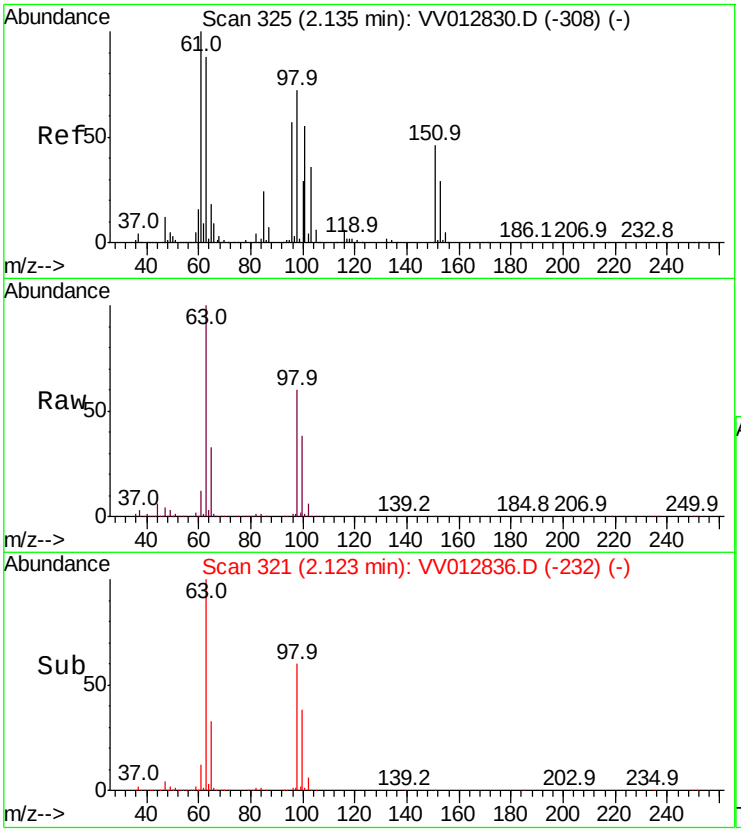
Quant Time: Sep 16 17:06:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 17:02:53 2019
Response via : Initial Calibration



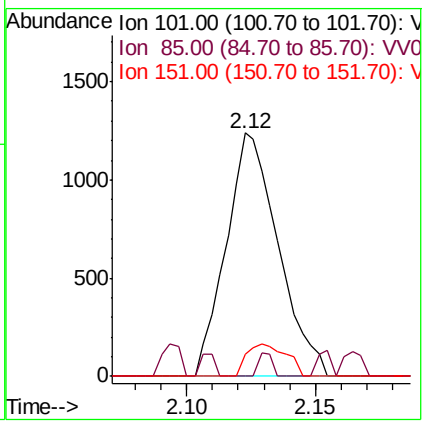


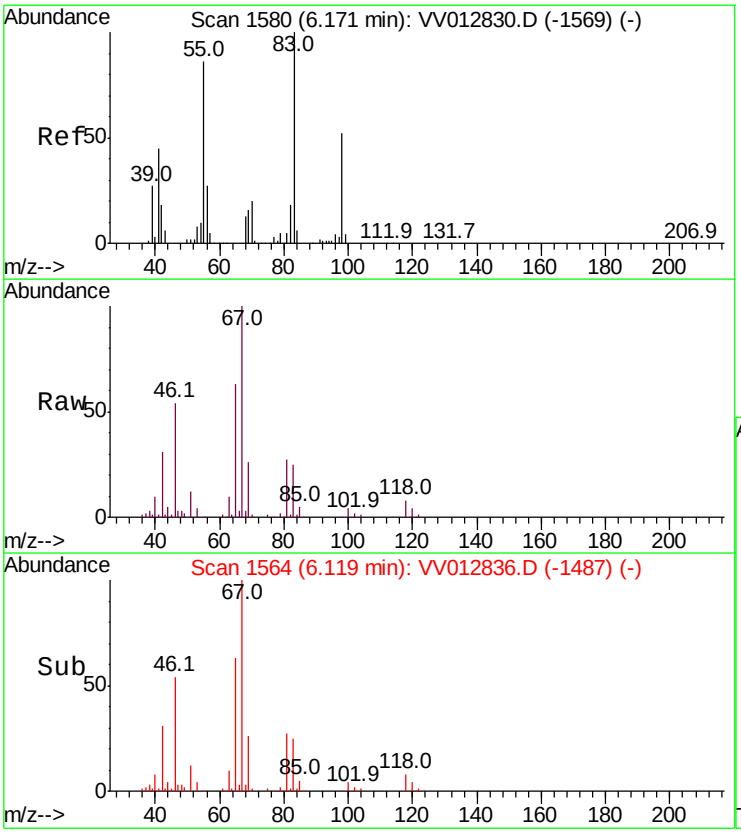

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV012836.D
Acq: 16 Sep 2019 14:59

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion:101 Resp: 1744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 2.6 | 32.9 | 49.3# |
| 151 | 10.1 | 65.0 | 97.6# |

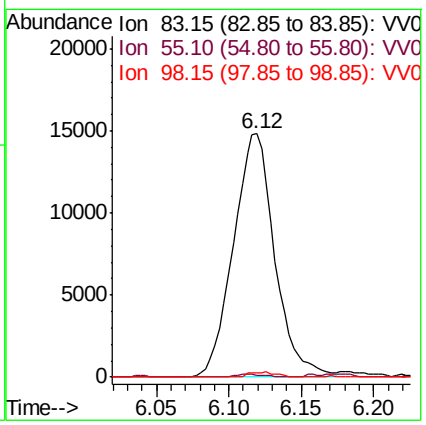


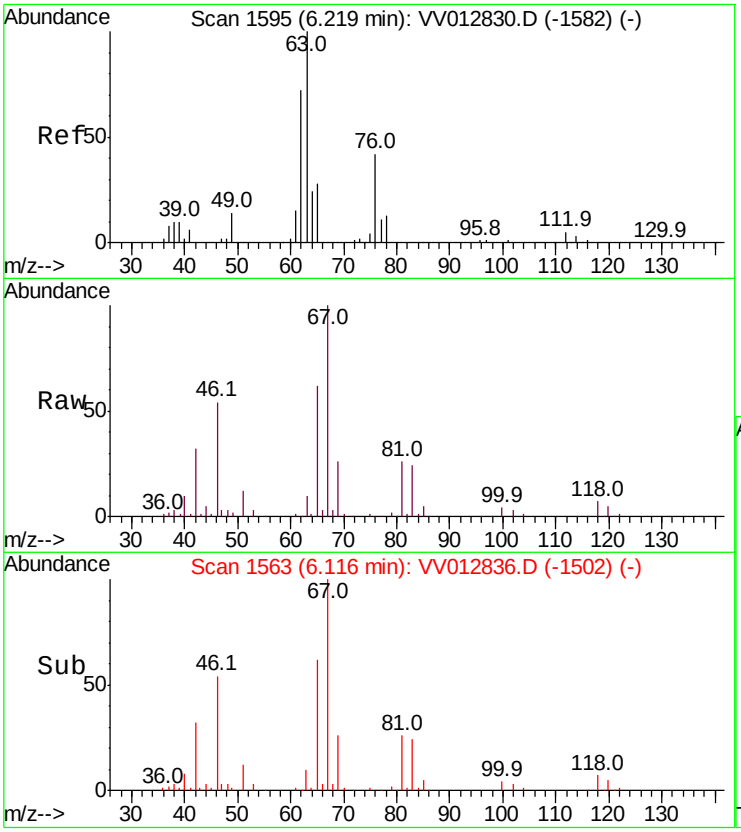




#35
Methylcyclohexane
Concen: 0.863 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012836.D
Acq: 16 Sep 2019 14:59

Tgt Ion: 83 Resp: 29358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.8 | 65.4 | 98.2# |
| 98 | 0.7 | 39.0 | 58.4# |



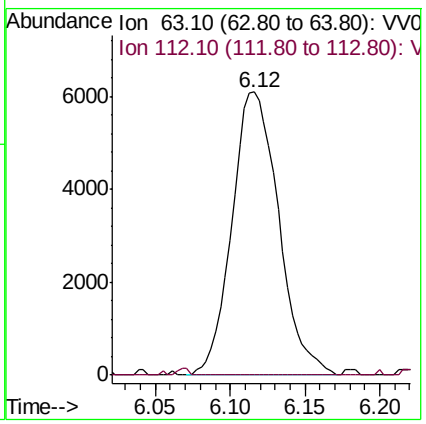


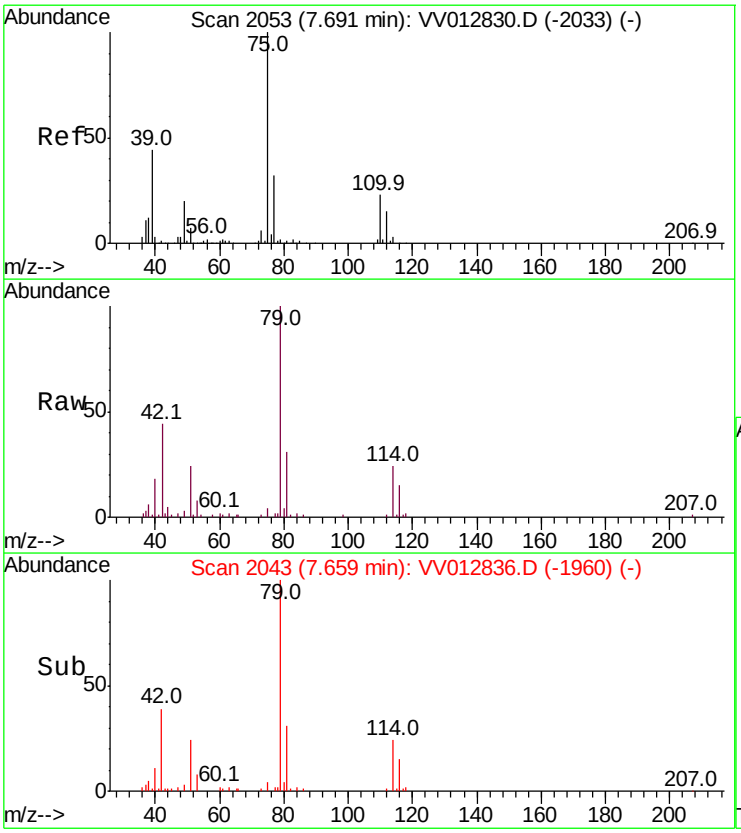

#37
1,2-Dichloropropane
Concen: 0.509 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012836.D
Acq: 16 Sep 2019 14:59

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 63 Resp: 13274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.6 | 4.2 | 6.2# |

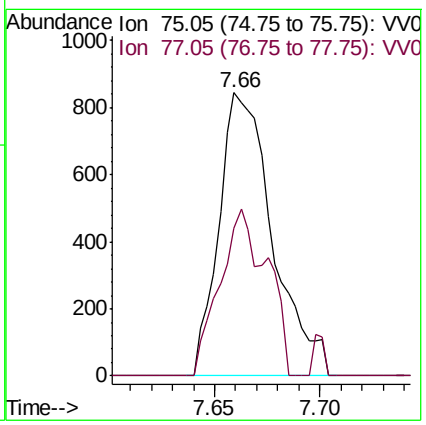


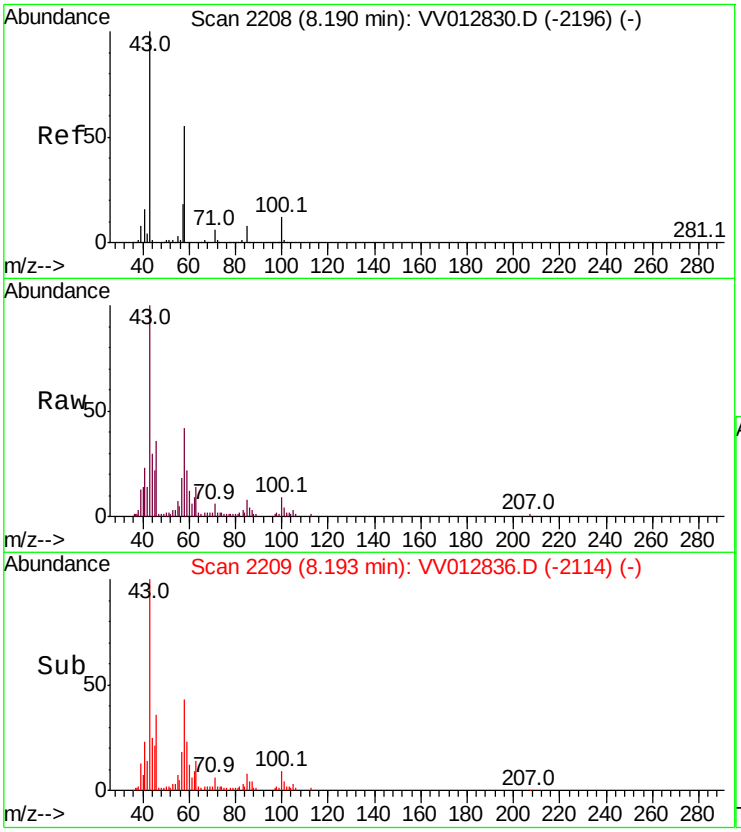




#44
trans-1,3-Dichloropropene
Concen: 0.058 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV012836.D
Acq: 16 Sep 2019 14:59

Tgt Ion: 75 Resp: 1493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 52.3 | 22.3 | 41.3# |






#48
2-Hexanone
Concen: 3.724 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VV012836.D
Acq: 16 Sep 2019 14:59

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 43 Resp: 40965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.7 | 44.8 | 67.2# |
| 57 | 16.4 | 15.0 | 22.6 |
| 100 | 8.7 | 8.8 | 13.2# |